

Technical data sheet

1948 siaflex



MKP person responsible:	Colin Giger
Status:	Ok
Approval:	18.07.2016

Classification	Public series
Product type:	Coated abrasives
Main application area:	Coatings and Composites
Secondary application area:	Wood






Product profile	
Grit type:	Blue-fired aluminium oxide/white aluminium oxide
Grit range (total):	40; 60-1500 FEPA P / ISO 6344
Backing:	Fibre-reinforced latex paper
Coating:	Electrostatic P040 – P180 Electrostatic open P220 – P600 Electrostatic P800 – P1500
bonding:	Resin over resin
Special coating:	Stearate P180 – P800
Equipment:	






Properties		Technology
Cut:	8 - high	<ul style="list-style-type: none"> - FiboTec - Offene Streuung - siafast - siasoft
Lifetime:	8 - long	
Finishing:	8 - good	
Flexibility:	9 - highly flexible	
Contact pressure:		

Advantages	
Coatings & composites:	<ul style="list-style-type: none"> - High stock removal with good finish - Highly flexible and adaptable to contours - Minimal clogging thanks to open coating in 220 - 600 grit range - Long lifetime - Suitable for general use in dry and wet sanding applications - Versatile all-round product with an attractive range of options
Wood:	<ul style="list-style-type: none"> - High stock removal with good finish - Highly flexible and adaptable to contours - Minimal clogging thanks to open coating in 220 - 600 grit range - Long lifetime - Suitable for general use in dry and wet sanding applications - A versatile all-round product
Metal:	
Panels:	

Applications	
Coatings & composites:	<ul style="list-style-type: none"> - Sanding down coatings and impurities - Sanding out unevenness at the edges of repaired surfaces - Flattening of body filler and primer filler - Fine sanding of primer filler - Keying old and new lacquers - Removing orange peel effect and dust inclusions
Wood:	<ul style="list-style-type: none"> - Keying of solid wood and veneer - Final sanding as preparation for painting - Keying of old and new varnishes as well as composite materials - Intermediate sanding of varnishes on surfaces and curves - Sanding of paints and old lacquer - Removing orange peel effect and dust inclusions
Metal:	
Panels:	

Material	Superordinate group	Subgroup
Coatings & composites:	Bodyfiller Composites Composites Gelcoats Lacquers Lacquers Metals Metals Paints Plastics Plastics Primer filler Primers Primers Primers	<ul style="list-style-type: none"> ● Bodyfiller ● Glass-fibre reinforced plastic (GRP) ● Composite ● Gelcoat polyester ● Lacquer ● Old lacquer ● Aluminium ● Steel ● Colour ● Plastics ● Acrylic glass (Plexiglass) ● Primer filler ● Primer coat ● Epoxy primer coat ● Cathodic dip primer coat
Wood:	Coatings Coatings Coatings Coatings Coatings Coatings Minerals Minerals Plastics Solid wood Wood-based materials	<ul style="list-style-type: none"> ○ Aluminium ● Primer filler ● Colour ● Priming foil ● Primer coat ● Lacquer ● Bodyfiller ○ Plasterboard ○ Plaster ○ Plastics ● Solid wood ● Wooden base
Metal:		
Panels:		

Conversion forms	Upper conversion	Lower conversion
	Rolls	- Paper rolls - siafast rolls - siasoft rolls
	Sheets	- Standard curves
	Strips	- siafast strips - siasoft strips - Various strips
	Delta and polygons	- Delta and polygons
	Discs	- siafast discs - Self-adhesive discs

Use	Superordinate group	Subgroup
	Portable machine sanding	● random orbital sander
	Portable machine sanding	● Orbital sander
	Manual sanding	● Manual sanding
	Manual sanding	● Manual sanding with sanding block
	Stationary machine sanding	● Rolls
Cut:	Dry applicationWet sanding	

Details	
No suitability for:	- Glass sanding - Stone grinding
Sanding recommendation:	
Safety recommendation:	- Pay attention to the abrasives safety data sheet (available from sia Abrasives) - Follow the general FEPA safety recommendations - Use eye and face protection - Use an effective dust extraction unit or wear a fine dust mask

Communication	
Claim:	flexible and versatile
Copy:	As a cost-effective all-round series for wet and dry sanding, 1948 siaflex produces outstanding results in all available grits and in a variety of automotive applications.



Communication			
Industrial Verticals:	<ul style="list-style-type: none"> - Automotive - Trucks - Railway - Marine - Aerospace - Bus 	<ul style="list-style-type: none"> - Wind Power - Furniture - Kitchens - Interior Work 	
Image material:	Product Top View (PTV)	Front side:	ID 5913
		Reverse side:	ID 5914
	Application image	Coatings & composites:	ID 4504
		Wood:	ID 4534
		Metal:	
		Panels:	
Product show:			
Macro shot:			
Packaging image:			
Product group image:		ID 7602	
		ID 6082	

- Main application
- Secondary application